

FIG. 1

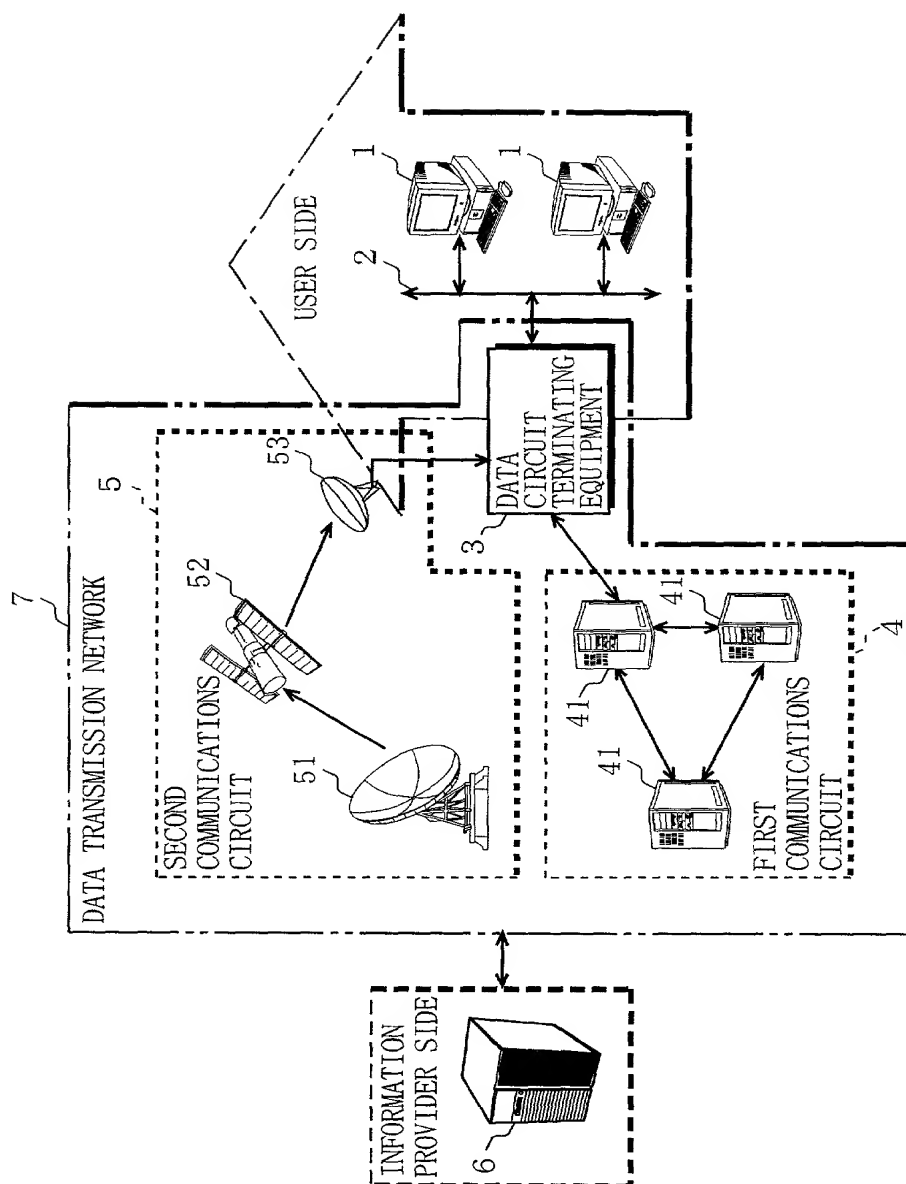


FIG. 2

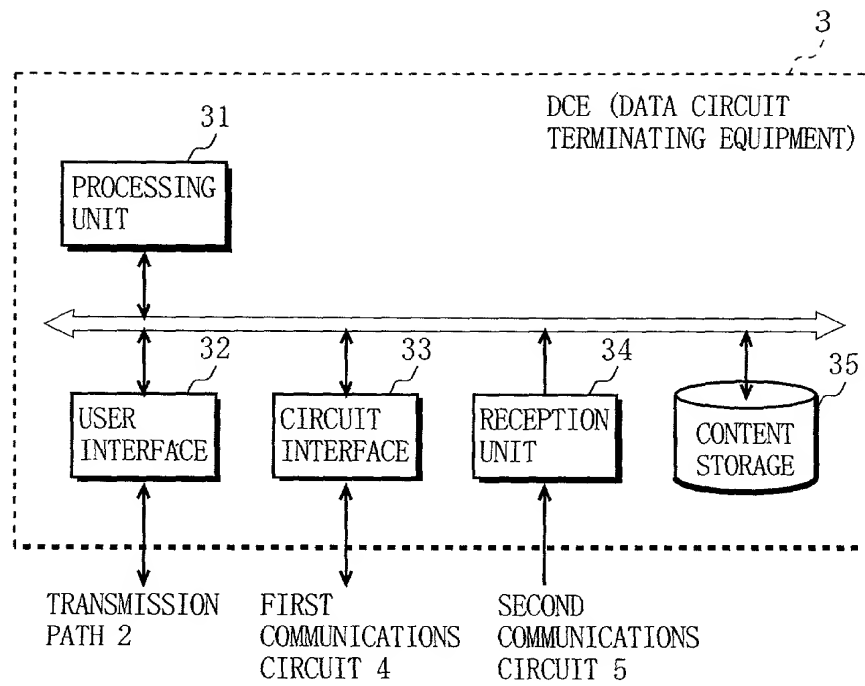


FIG. 3

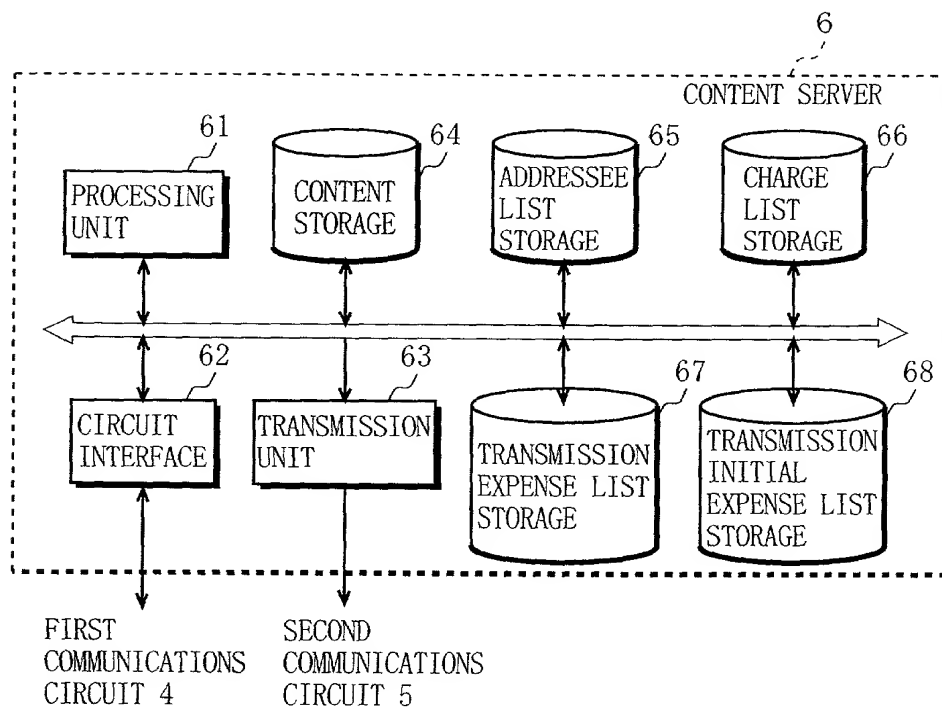


FIG. 4

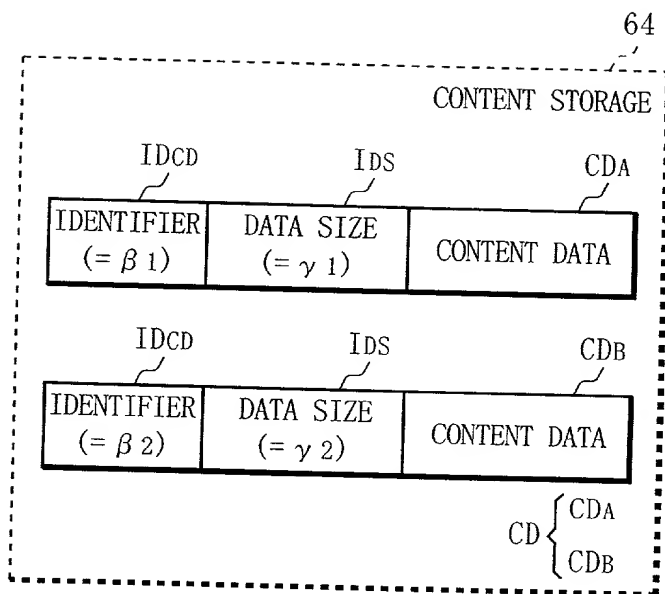
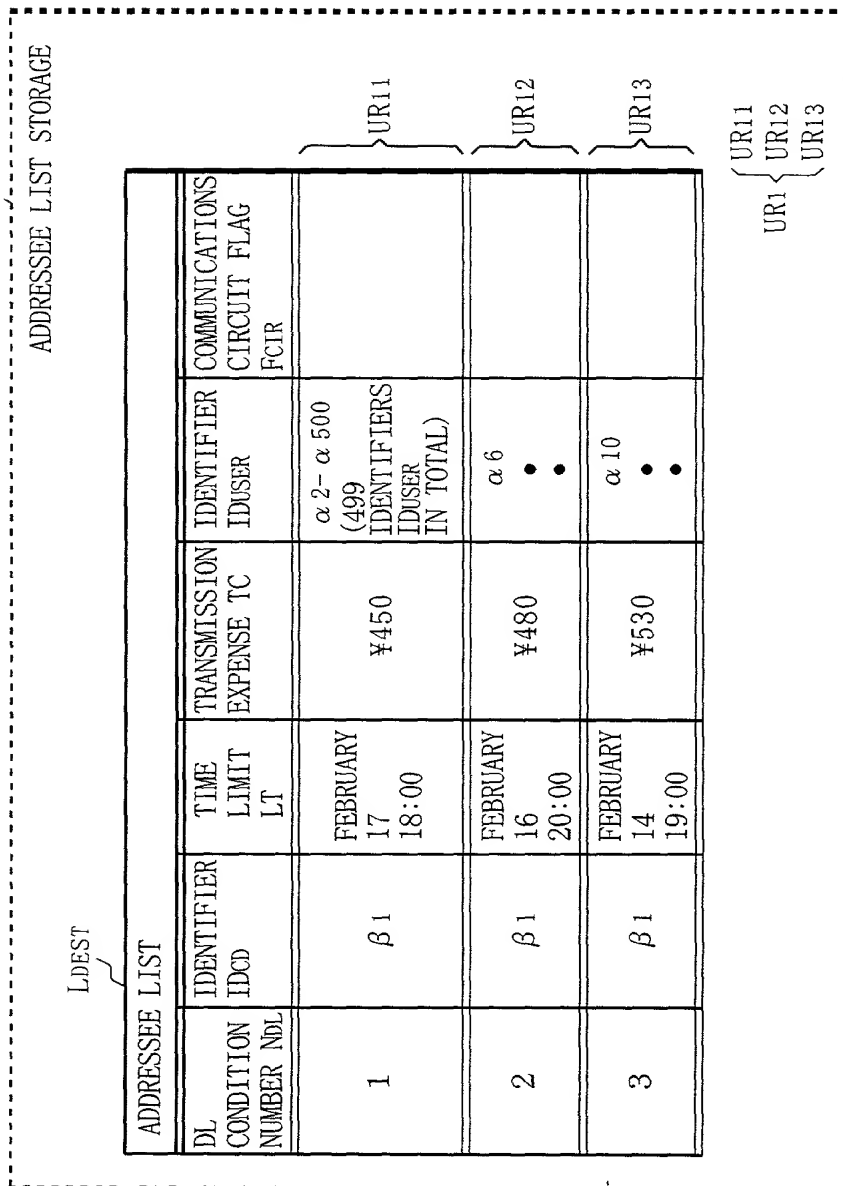


FIG. 5

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F I G. 6

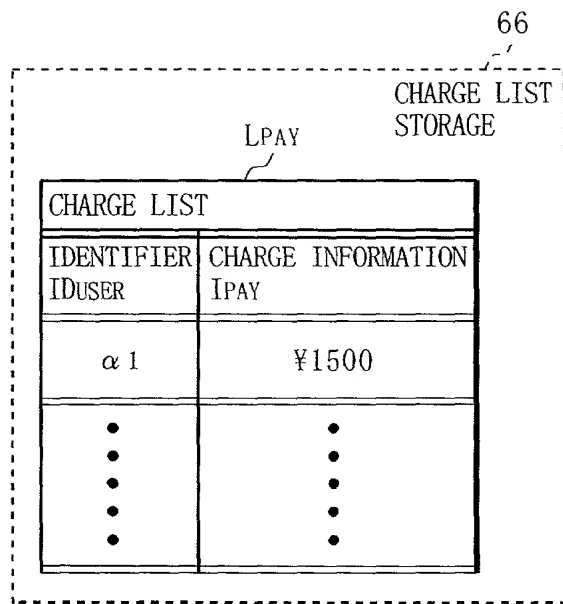


FIG. 7

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TRANSMISSION EXPENSE  
LIST STORAGE

LTC

TRANSMISSION EXPENSE LIST	
THE NUMBER OF USERS NUSER	TRANSMISSION EXPENSE TC
$500 \leq \text{NUSER5}$	$\text{TC5} = (\text{¥}400)$
$100 \leq \text{NUSER4} < 500$	$\text{TC4} = (\text{¥}450)$
$50 \leq \text{NUSER3} < 100$	$\text{TC3} = (\text{¥}480)$
$20 \leq \text{NUSER2} < 50$	$\text{TC2} = (\text{¥}530)$
$\text{NUSER1} < 20$	$\text{TC1} = (\text{¥}550)$

FIG. 8

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TRANSMISSION INITIAL  
EXPENSE LIST STORAGE

LITC

TRANSMISSION INITIAL EXPENSE LIST	
TIME MARGIN TM	TRANSMISSION INITIAL EXPENSE ITC
$168 \leq \text{TM5}$	$\text{ITC5} = (\text{¥}400)$
$72 \leq \text{TM4} < 168$	$\text{ITC4} = (\text{¥}450)$
$24 \leq \text{TM3} < 72$	$\text{ITC3} = (\text{¥}480)$
$12 \leq \text{TM2} < 24$	$\text{ITC2} = (\text{¥}530)$
$\text{TM1} < 12$	$\text{ITC1} = (\text{¥}550)$

FIG. 9

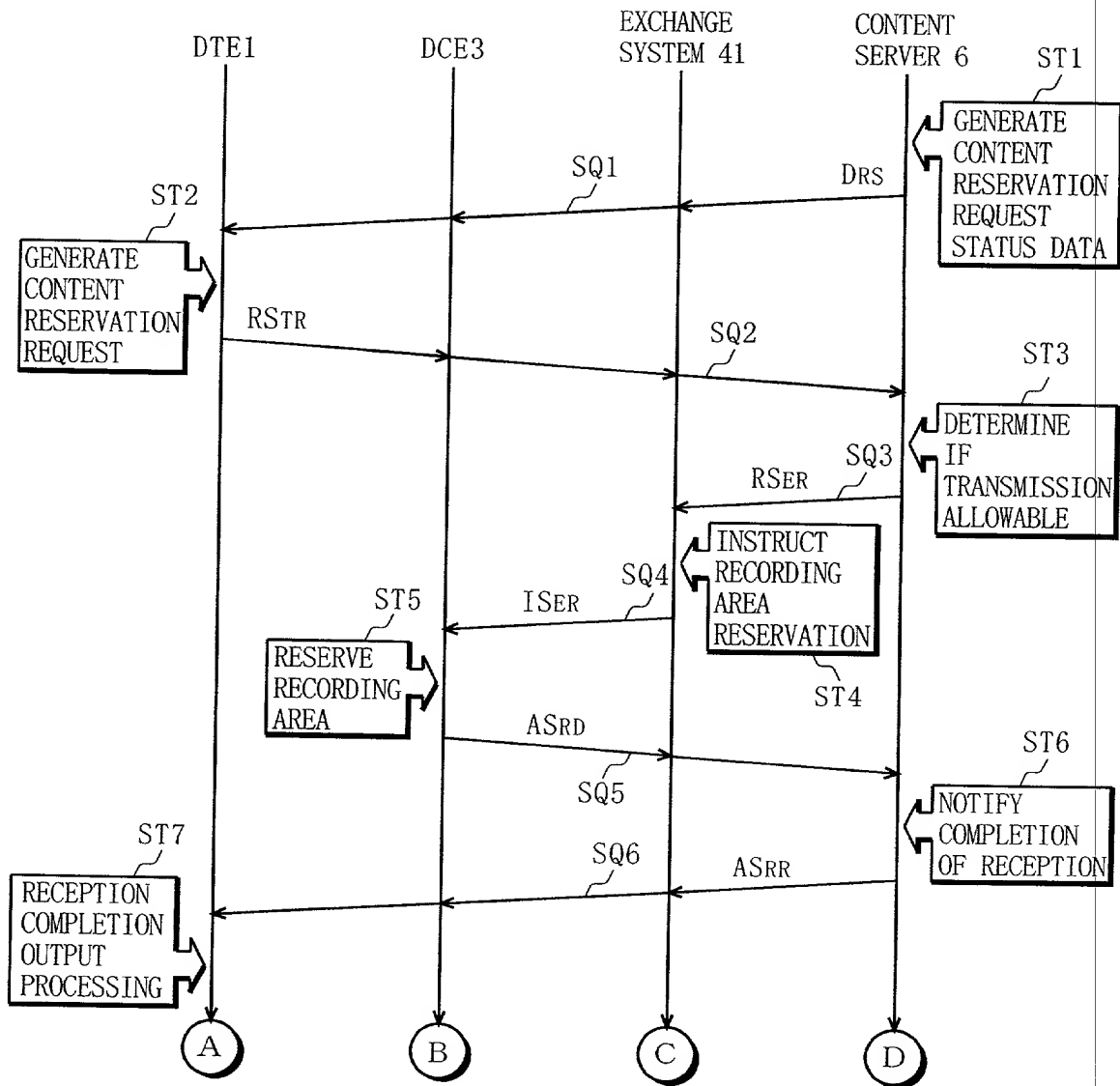


FIG. 10

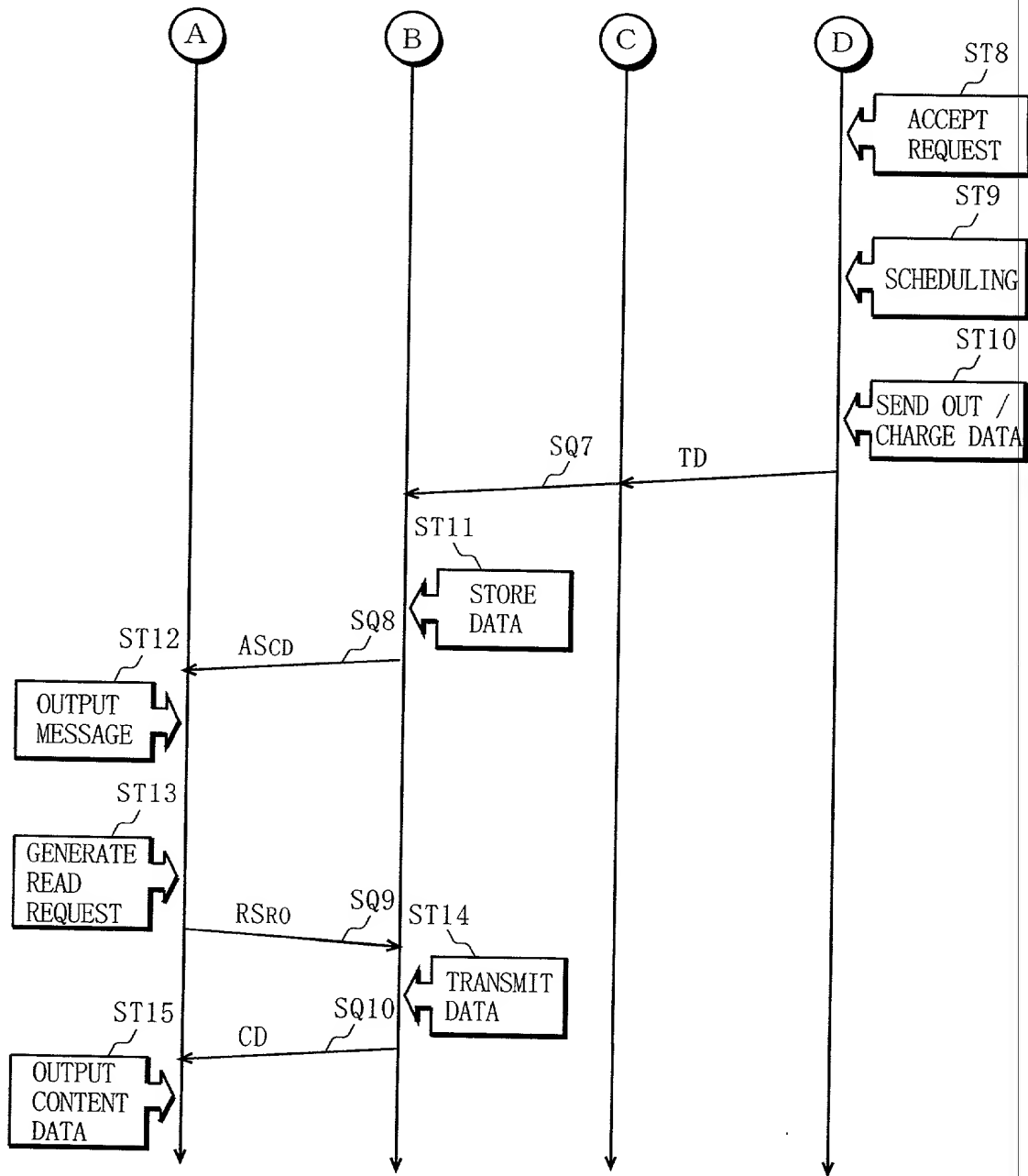




FIG. 11

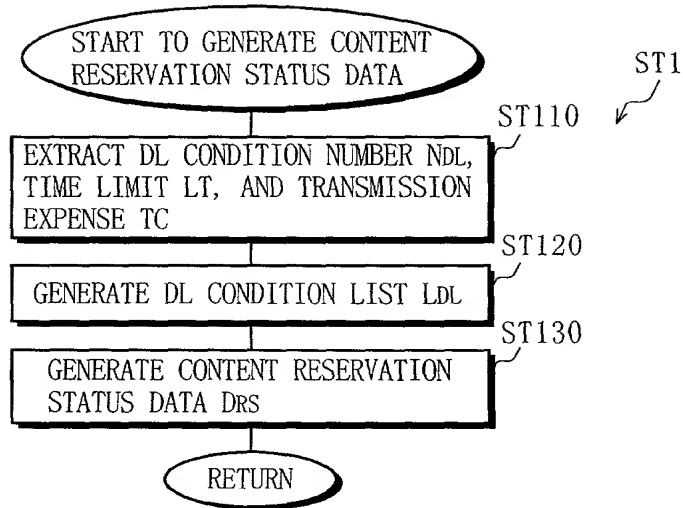


FIG. 12

DL CONDITION NUMBER NDL	TIME LIMIT LT	TRANSMISSION EXPENSE TC	
<u>1</u>	FEBRUARY 17 18:00	¥450	LDL1
<u>2</u>	FEBRUARY 16 20:00	¥480	LDL2
<u>3</u>	FEBRUARY 14 19:00	¥530	LDL3

● CONTENT DATA CDA  
 ● CONTENT DATA CDB  
 TIME LIMIT LT

LDL { LDL1  
LDL2  
LDL3

FIG. 13 a

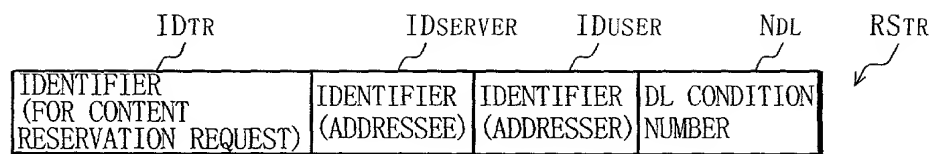


FIG. 13 b

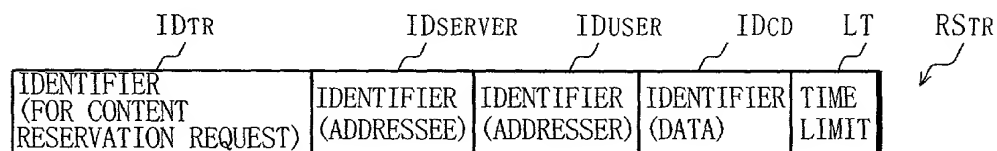


FIG. 13 c

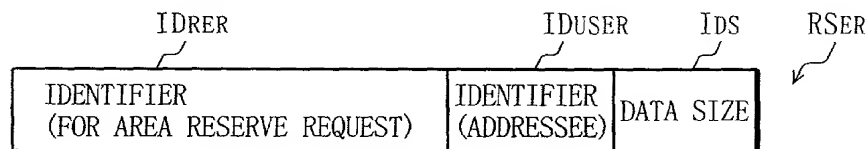


FIG. 13 d

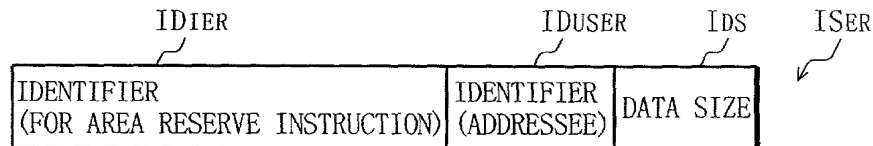


FIG. 13 e

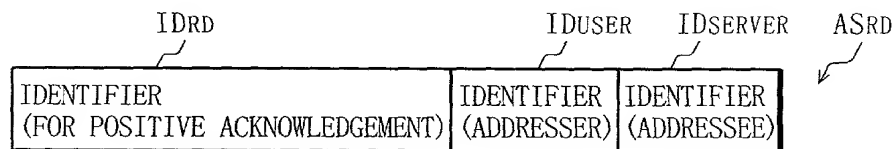


FIG. 13 f

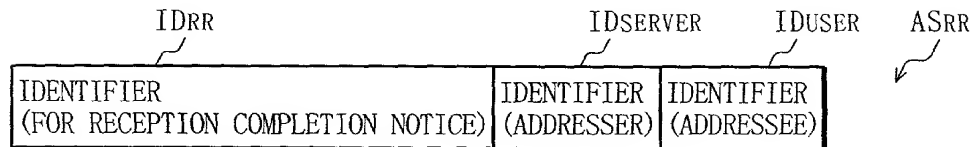


FIG. 13 g

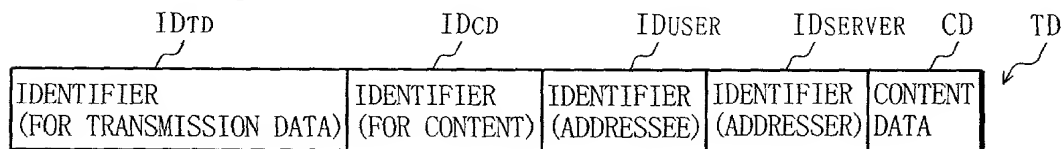


FIG. 14

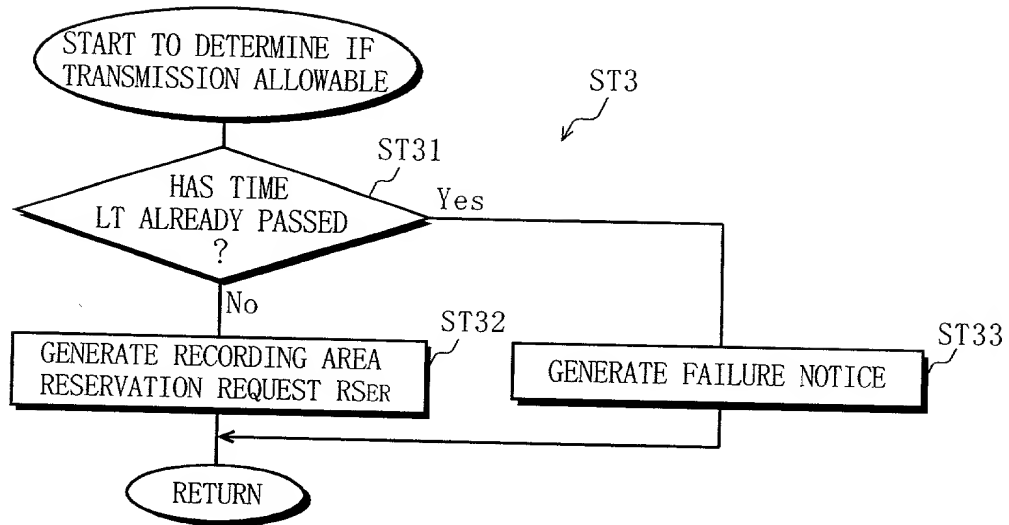


FIG. 15

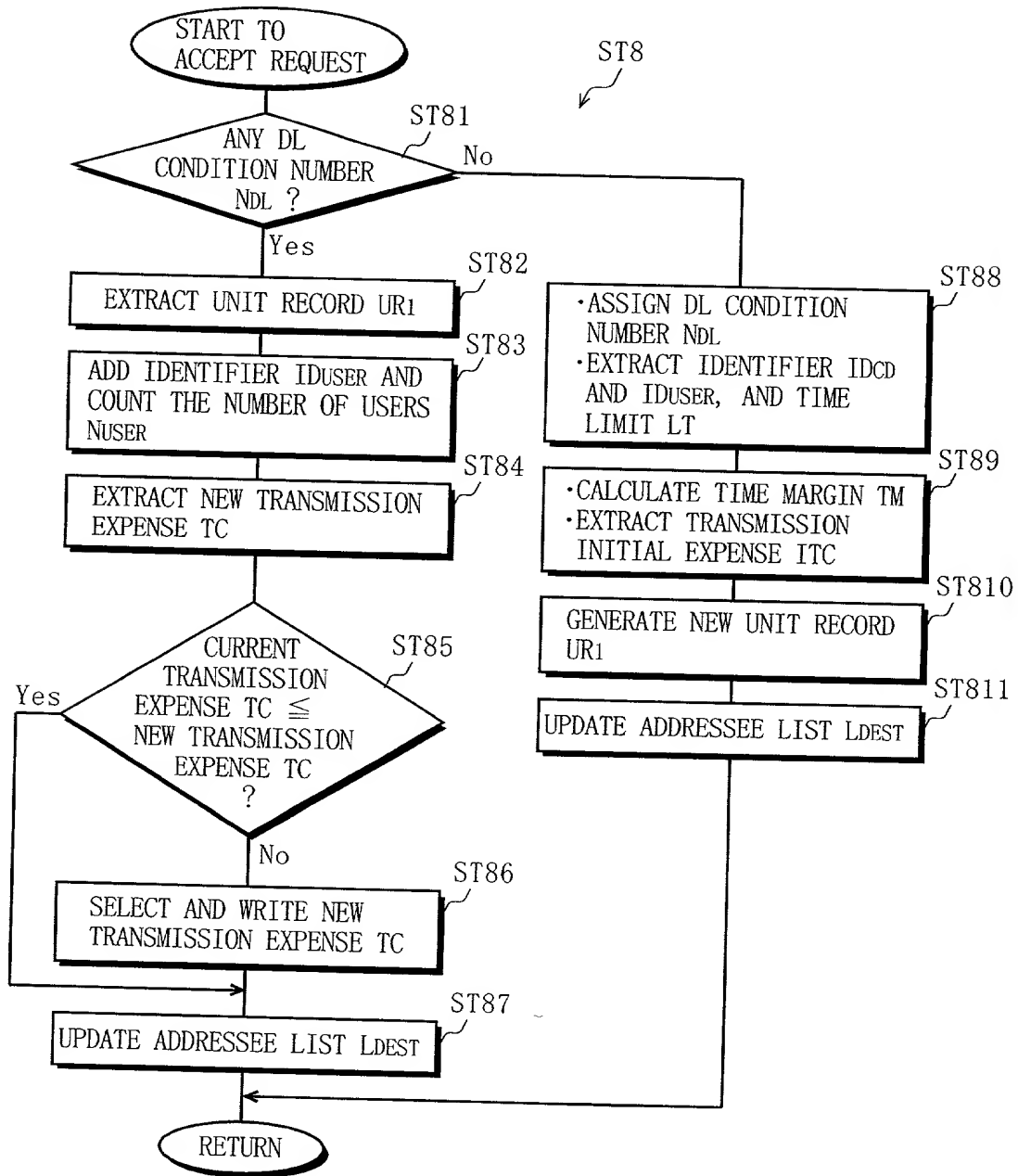


FIG. 16 a

UR11

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
1	$\beta$ 1	FEBRUARY 17 18:00	¥450	$\alpha$ 2- $\alpha$ 500 499 IDENTIFIERS IDUSER IN TOTAL	

FIG. 16 b

UR11

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
1	$\beta$ 1	FEBRUARY 17 18:00	¥400	$\alpha$ 1- $\alpha$ 500 500 IDENTIFIERS IDUSER IN TOTAL	

FIG. 16 c

UR14

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
4	$\beta$ 1	FEBRUARY 15 20:00	¥480	$\alpha$ 1	

FIG. 17

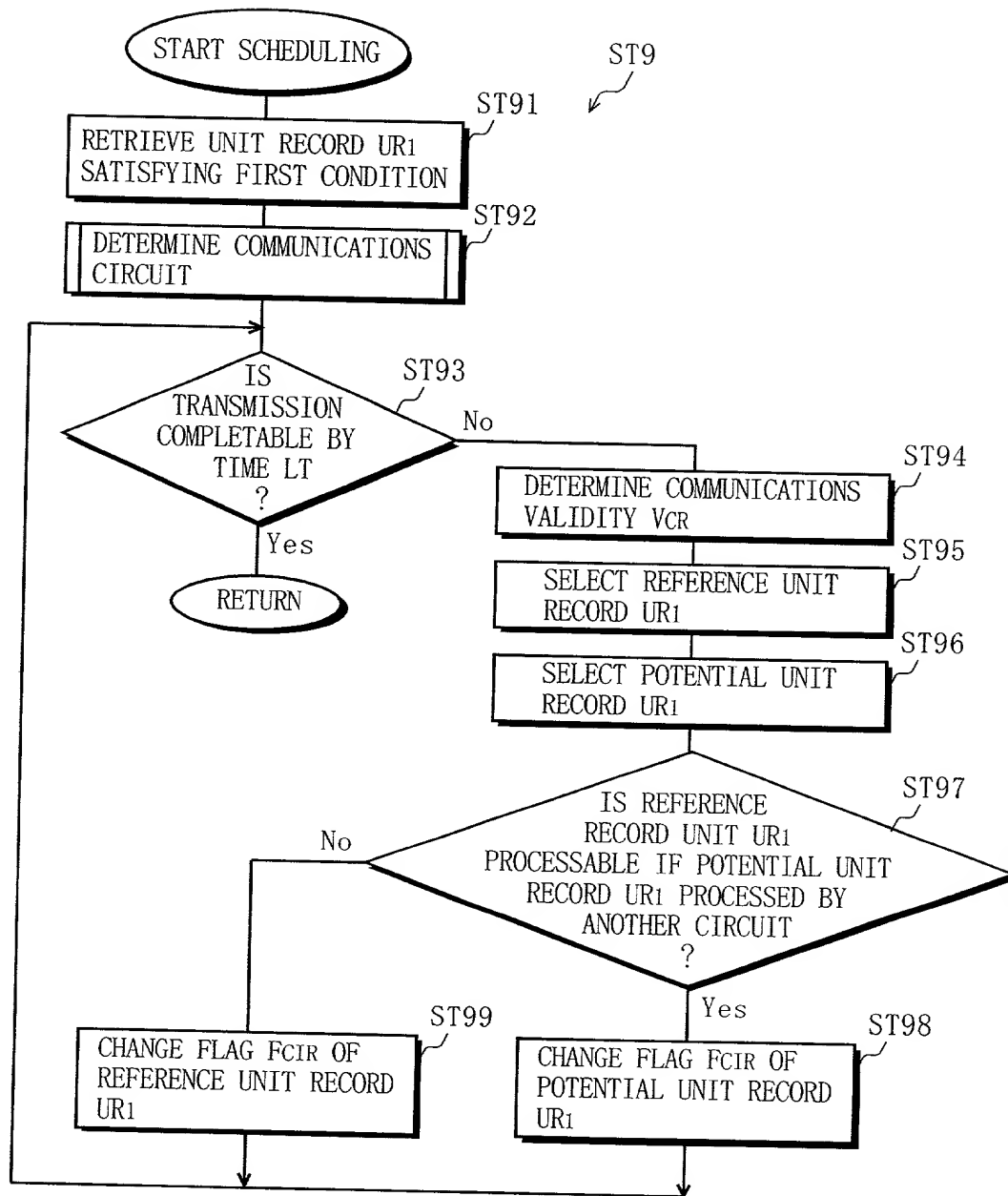


FIG. 18

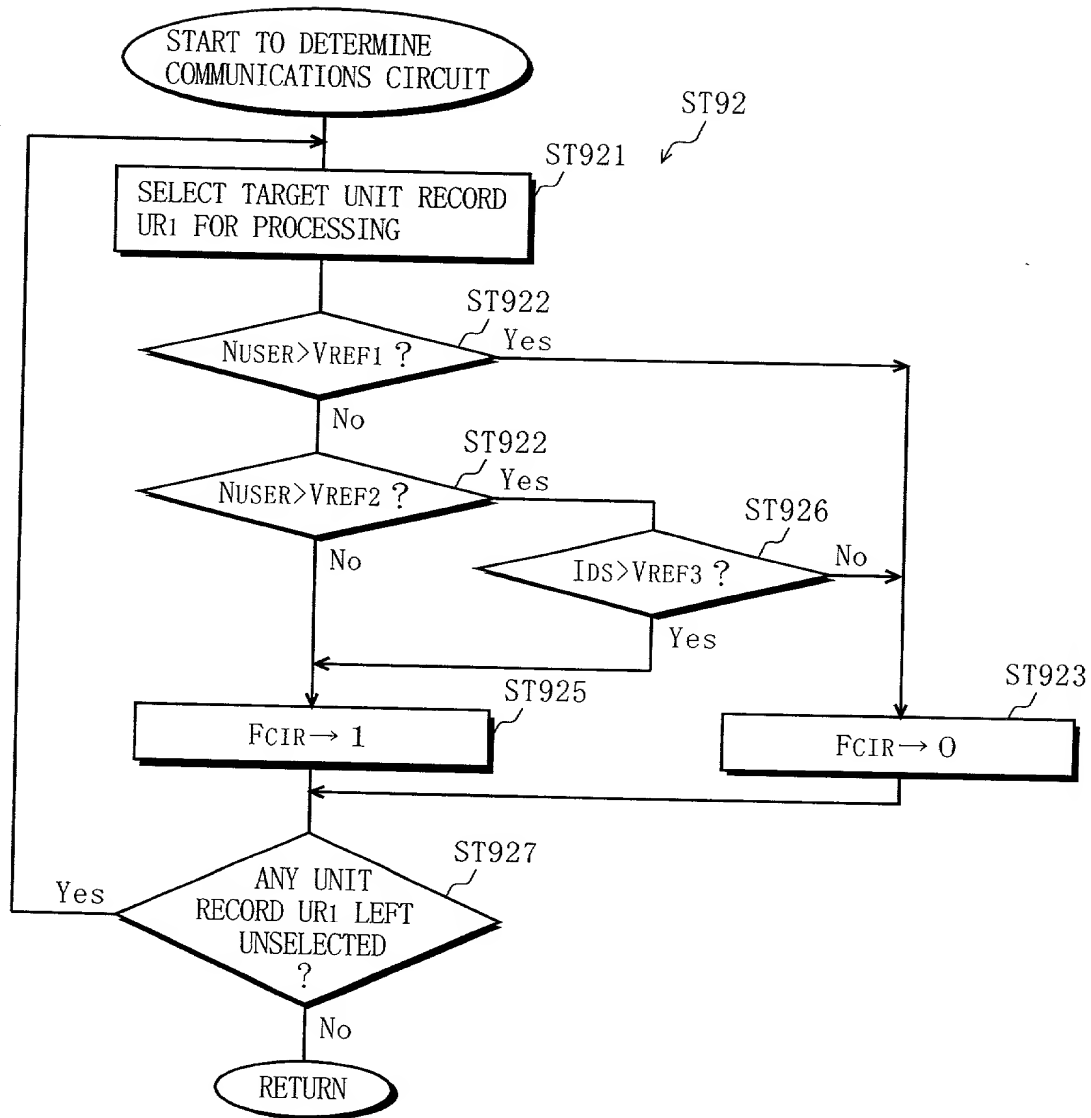


FIG. 19 a

UR11

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
1	$\beta 1$	FEBRUARY 17 18:00	¥400	$\alpha 1 - \alpha 500$ (500 IDENTIFIERS IDUSER IN TOTAL)	0

FIG. 19 b

UR12

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
2	$\beta 1$	FEBRUARY 16 20:00	¥480	$\alpha 6$ • •	1



FIG. 20 a

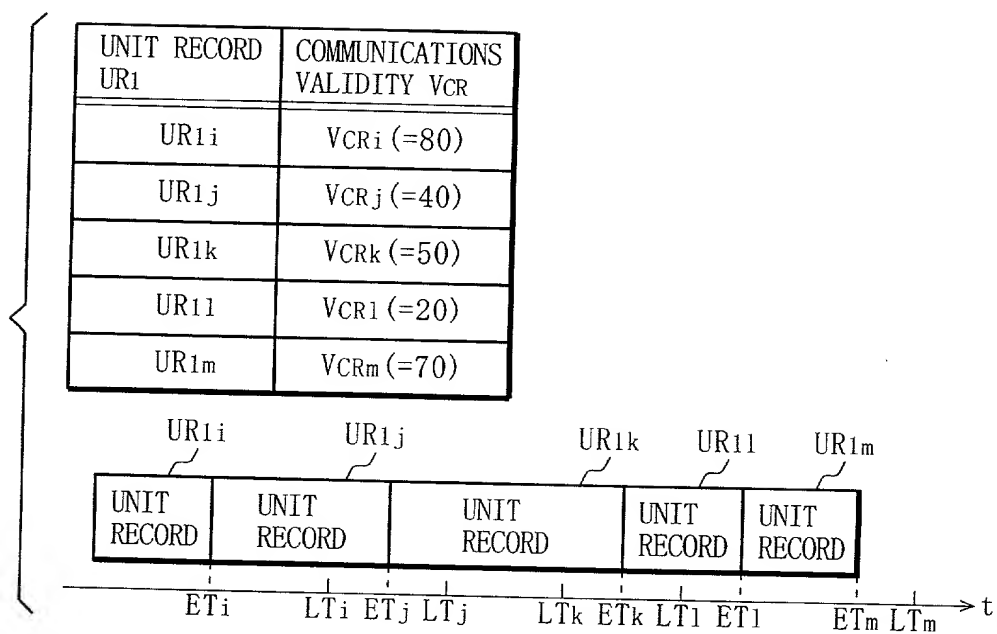


FIG. 20 b

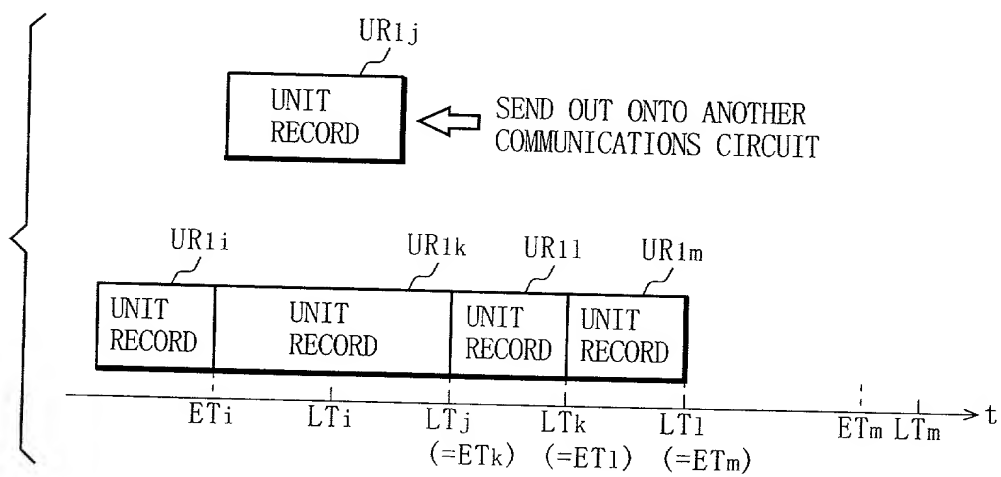


FIG. 21

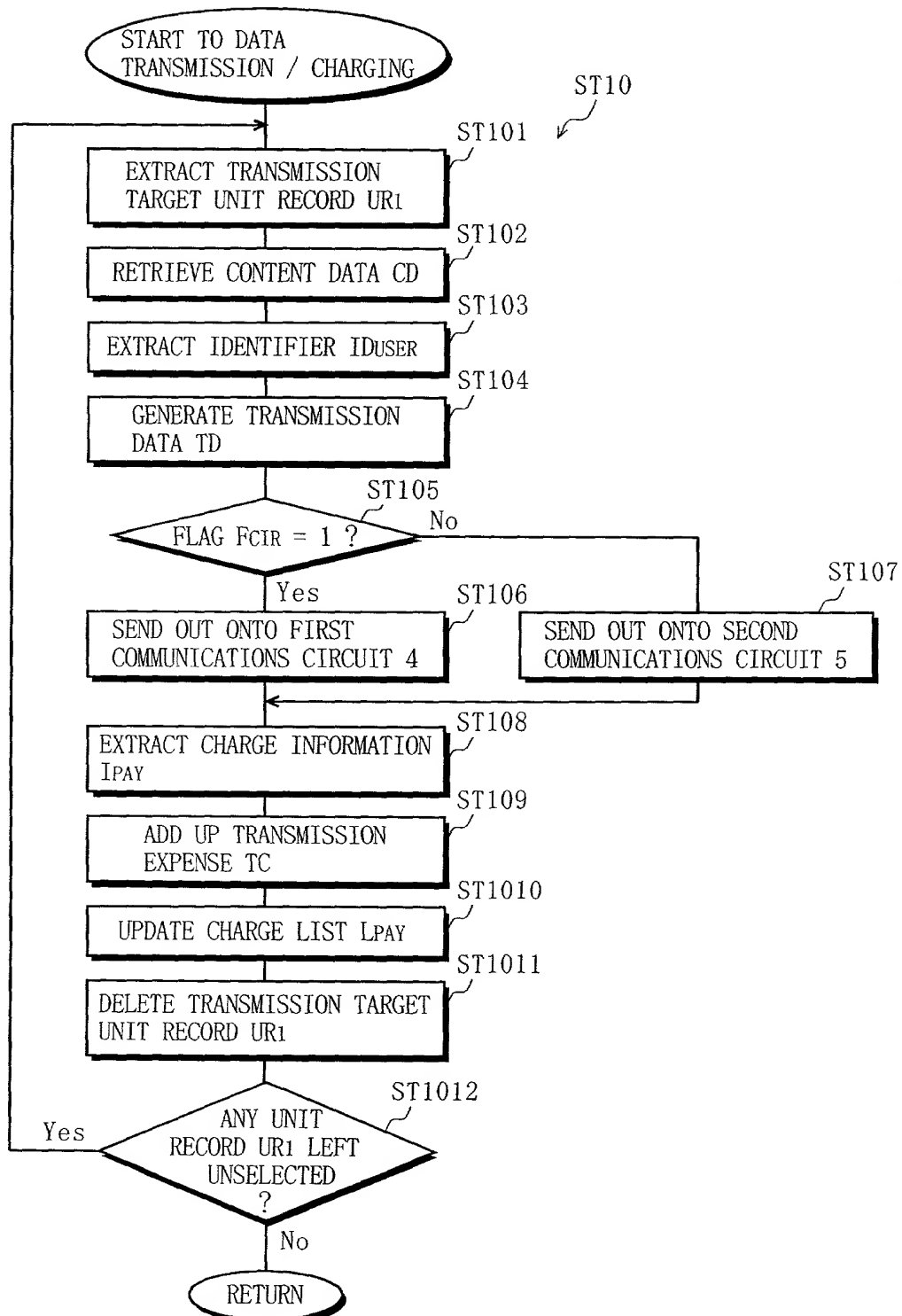


FIG. 22

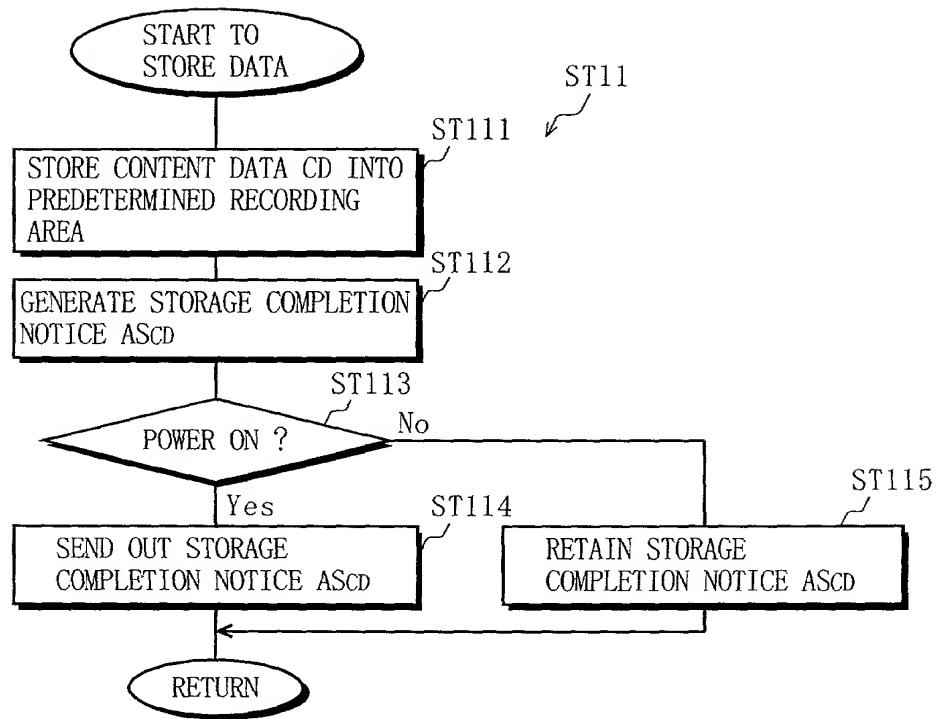


FIG. 23 a

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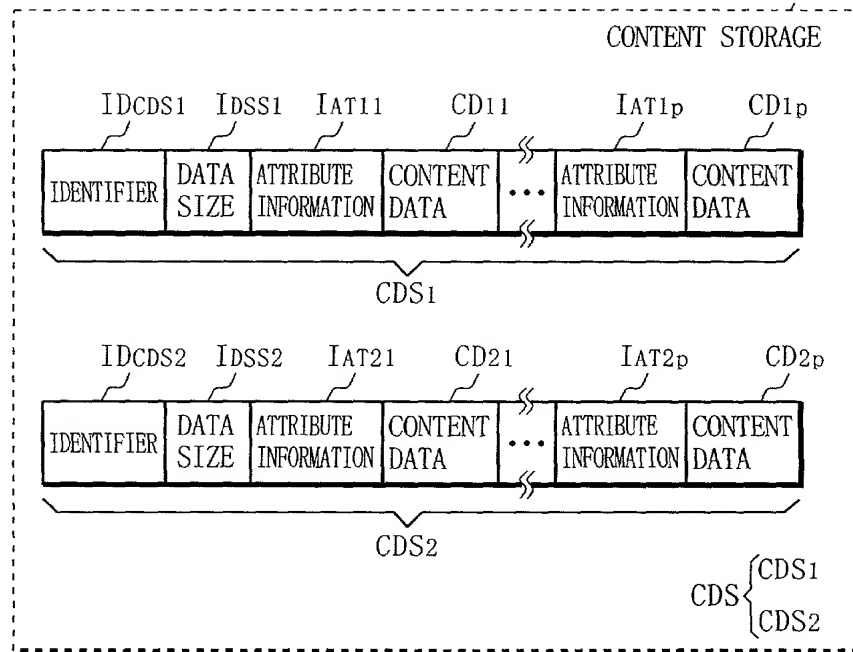


FIG. 23 b

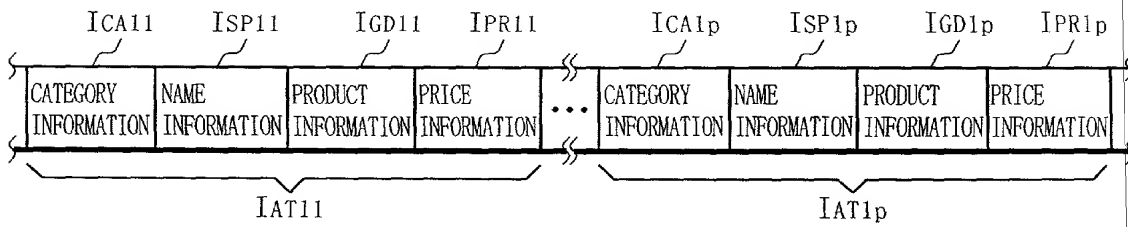


FIG. 23 c

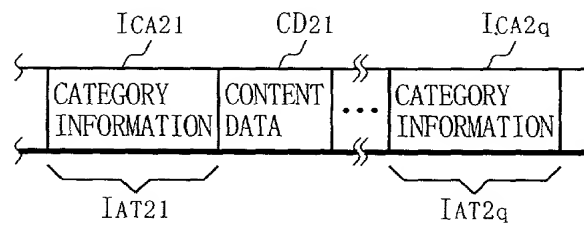


FIG. 24

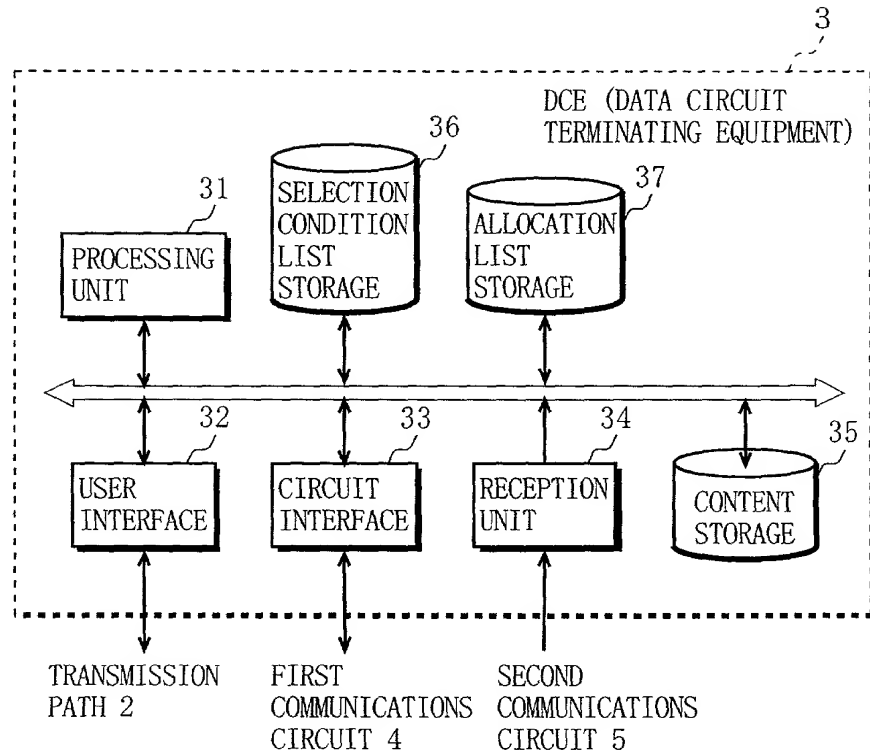


FIG. 25

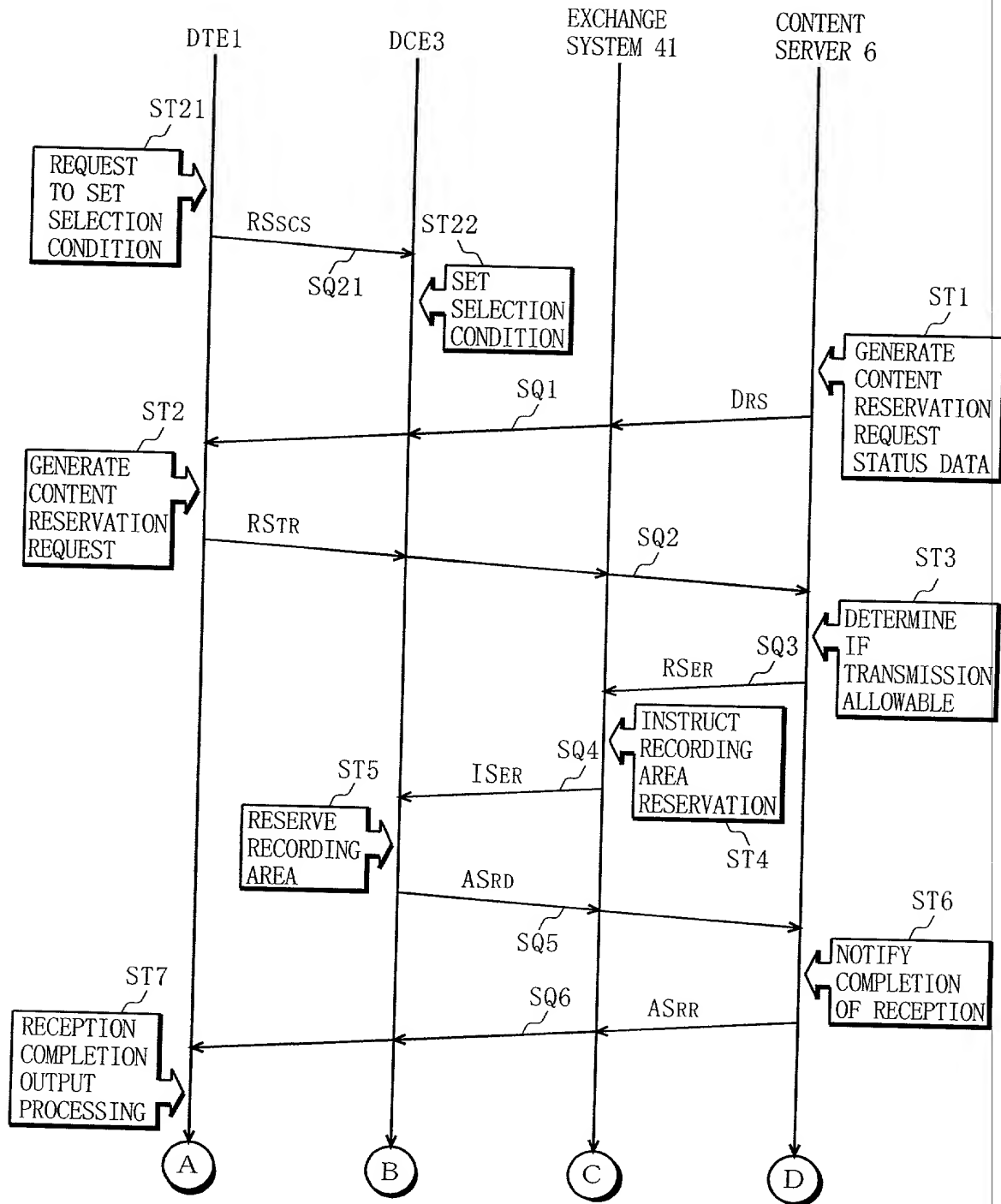


FIG. 26

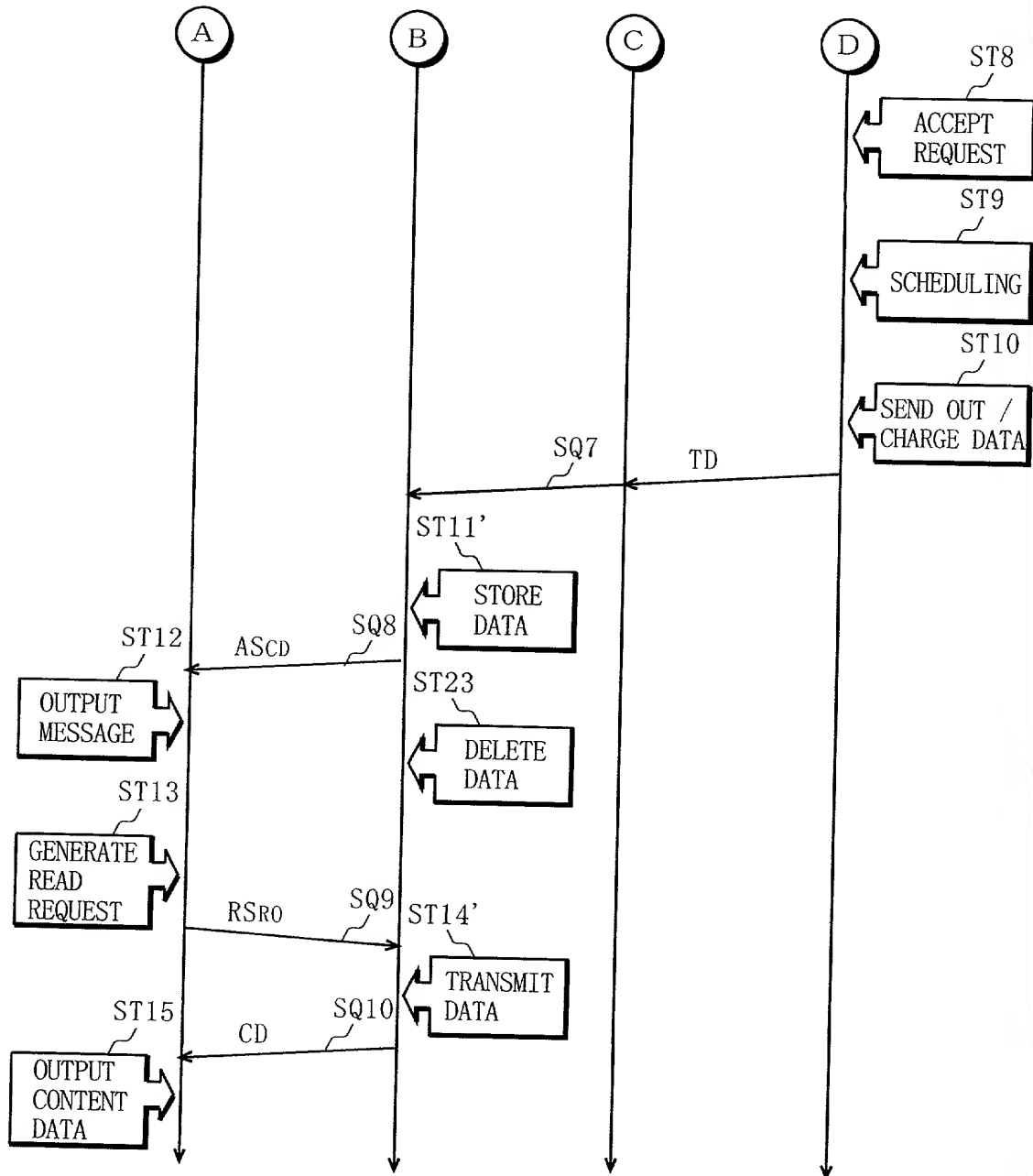


FIG. 27 a

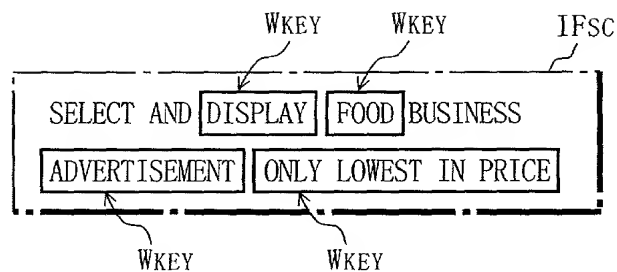


FIG. 27 b

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SELECTION CONDITION LIST STORAGE

LSC

SELECTION CONDITION LIST	
SELECTION CONDITION NUMBER NSC	SELECTION CONDITION SC
SELECTION CONDITION No. 1	SELECT FOOD BUSINESS ADVERTISEMENT ONLY LOWEST IN PRICE
SELECTION CONDITION No. 2	NOT SELECT REAL-ESTATE BUSINESS ADVERTISEMENT
SELECTION CONDITION No. 3	SELECT ALL ELECTRIC APPLIANCES ADVERTISEMENT
SELECTION CONDITION No. 4	NOT SELECT ENTERTAINMENT NEWS
SELECTION CONDITION No. 5	SELECT ALL NEWS, ENTERTAINMENT EXCLUSIVE



FIG. 28

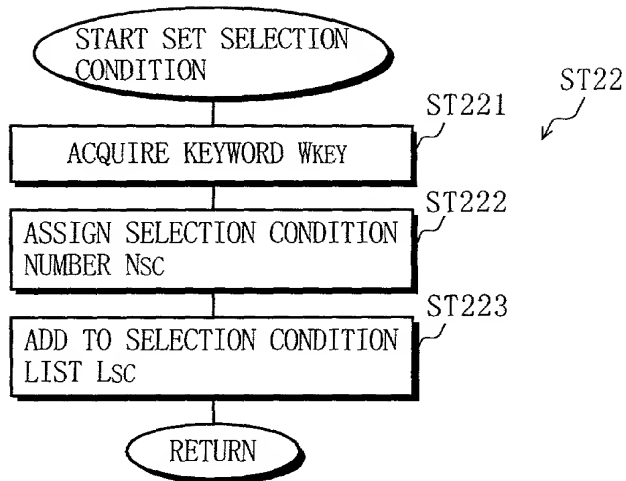


FIG. 29

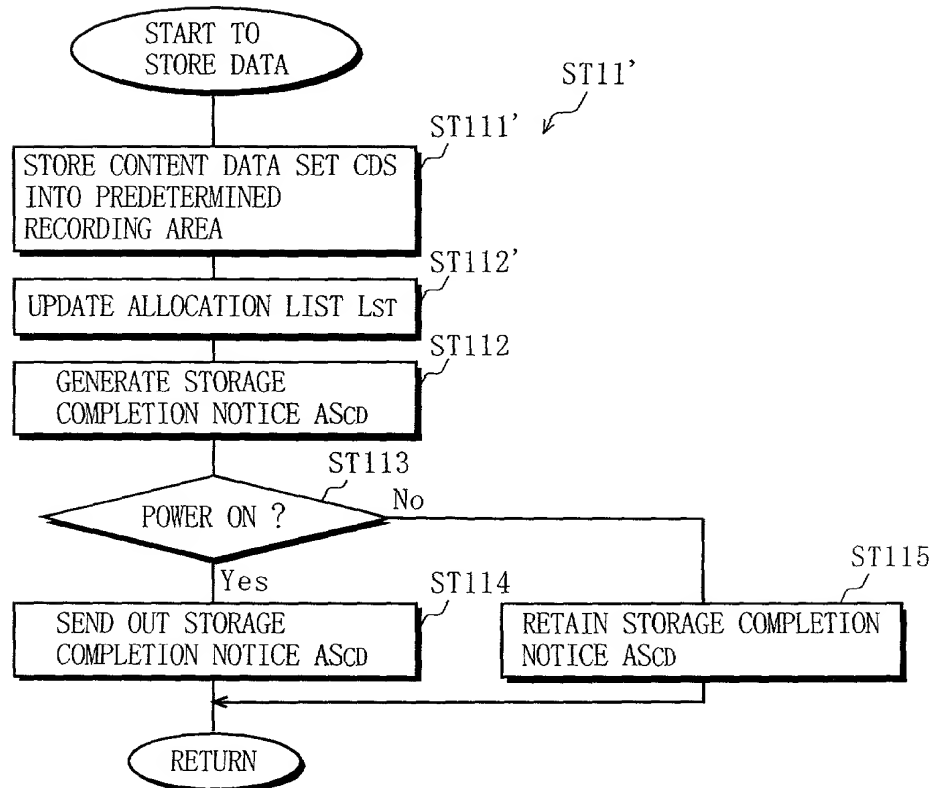


FIG. 30

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LST				ALLOCATION LIST STORAGE
IDENTIFIER IDcDs	ADDRESS INFORMATION IADD	DATE AND TIME INFORMATION IDt	AVAILABLE RECORDING CAPACITY CREC	

FIG. 31

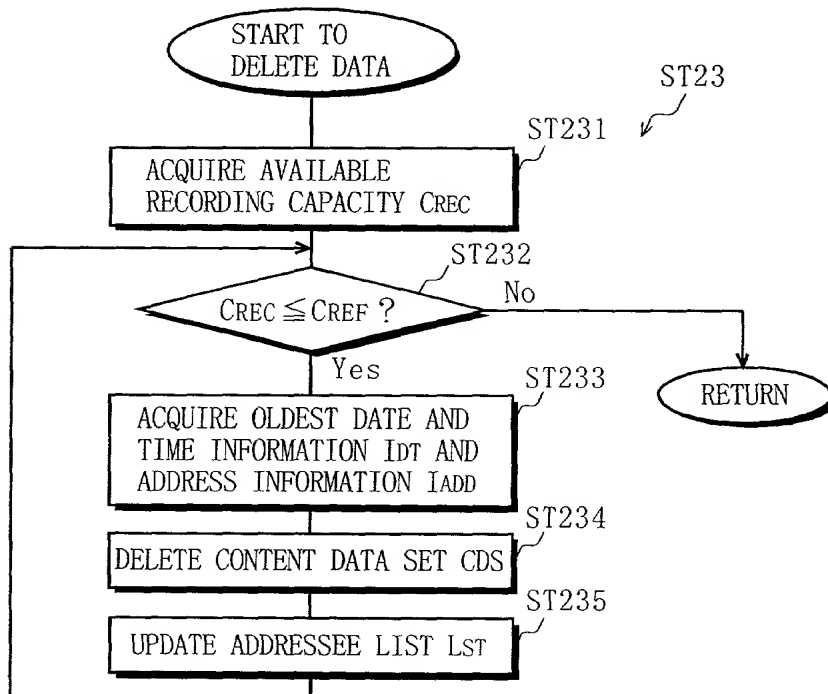


FIG. 32

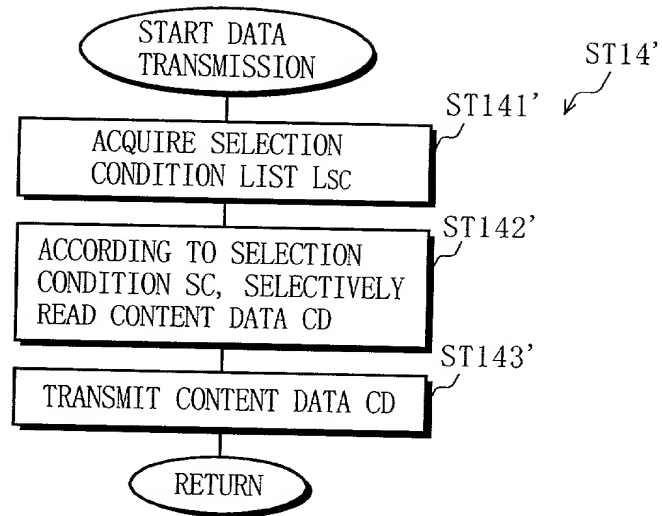


FIG. 33

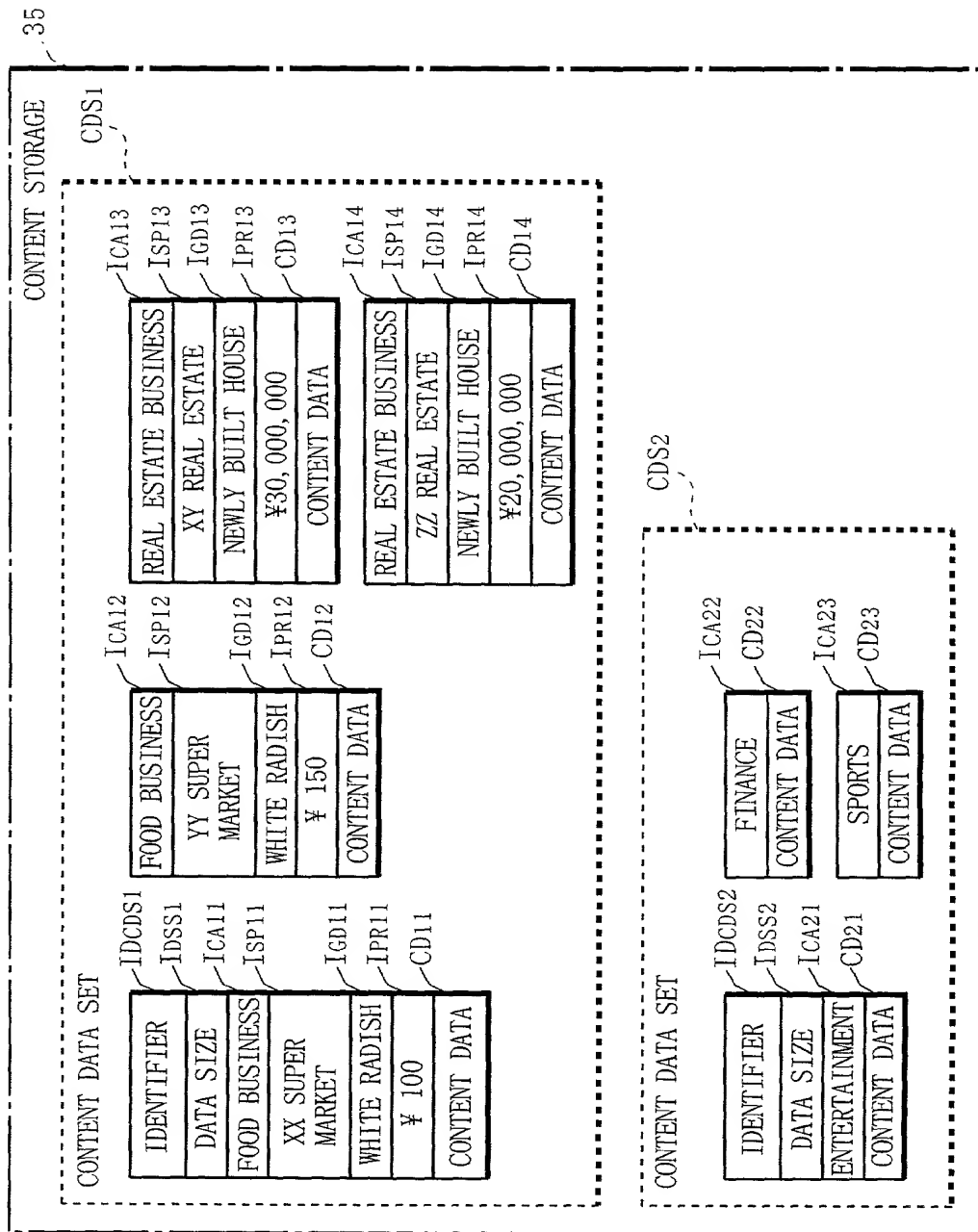


FIG. 34

